

A foldable pushchair for babies

FIELD OF THE INVENTION

This invention relates to a foldable
5 pushchair for babies.

BACKGROUND OF THE INVENTION

Some models of foldable pushchairs for babies have
been already known for years which comprise only three
10 wheels, i.e. two back ones and a central front one being
in some cases a castoring wheel.

SUMMARY OF THE INVENTION

It is the object of this invention to improve the
15 construction of this type of pushchairs for babies as
regards their forward lower portion to which the
castoring wheel is fitted.

These improvements consist in the provision in the
above-mentioned region of the pushchair of a pin-jointed
20 footrest in its turn providing the support for the front
wheel, said footrest being apt to adopt an active
position and a folded position allowing to obtain a
compactly folded arrangement of the pushchair.

Also characteristic of this pushchair is the
25 presence of means allowing to lock and unlock the
castoring support of the front wheel, and the arrangement
of a cable-actuated braking device allowing to brake said
wheel.

The active position of the footrest is locked
30 through means being incorporated in it and gripping a
plate being fixed to the lower portion of the front legs.

These and other characteristics will be best made
apparent by the following detailed description whose
understanding will be made easier by the accompanying two
35 sheets of drawings showing a practical embodiment cited

only by way of example not limiting the scope of the present invention.

BRIEF DESCRIPTION OF THE DRAWINGS

5 In the drawings:

Figs. 1 and 2 illustrate in a perspective view the forward lower portion of the pushchair with the footrest in its position when in use and in its folded position, respectively;

10 Fig. 3 represents in a perspective view the construction of the footrest; and

Fig. 4 shows in a side elevation the footrest with the locking means allowing to lock its pin-jointed connection and with the locking means allowing to lock
15 the castoring wheel support.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

According to the drawings the pushchair for babies comprises a front wheel (1) being provided with a
20 pneumatic tire (2) and fitted to the lower portion of the converging front legs (3) and (4) by means of a footrest (5).

This footrest (5) is formed by a metallic one-piece member in its rearward portion forming two recesses (6)
25 and (7), the lower ends of the front legs (3) and (4) being fitted to said recesses by means of a cross-pin (8) thus providing a pin-jointed connection for said footrest. The footrest (5) at its forward portion has an extension (9) being vertically bored thus forming the
30 cylindrical passage (10) (Fig. 3) allowing to fit the supporting pin (11) carrying the fork (12) to which the wheel (1) is fitted.

The footrest (5) comprises means being apt to lock it in its position when in use, said means consisting in
35 a tightening device being formed by a bolt (13) whose

head (14) is pin-jointed on a cross-pin (15) (Fig. 4) extending through holes (16) being provided in a rearward longitudinal protuberance (17) of the footrest (5), said protuberance having an end notch (18). A cylindrical nut
5 (19) is fitted to said bolt and serves as the pin of a control handle (20) with cam (21), a spring (22) and washers (23) and (24) (Fig. 4) being fitted around said bolt.

In the locked position of the footrest (5) the bolt
10 (13) fits into an upper notch (25) being provided in a plate (26) being fixed to the rearward portion of the ends of the legs (3) and (4).

The castoring of the supporting pin (11) can be locked by means of a lock (27) having two axial positions and being provided with an outer control knob (28) and an
15 inner pin (29) which in the locked position fits into a hole (30) of said supporting pin (11) (Fig. 4).

This supporting pin (11) is fitted to the extension (9) of the footrest with the aid of bearings (31) and
20 (32), said pin being secured by means of a nut being guarded by a cap (33).

The front wheel (1) is provided with disc-braking means (34) being actuated by means of a cable (35).

The invention can within its essentiality be put
25 into practice in other embodiments differing only in detail from the one having been described above only by way of example, said other embodiments also falling within the scope of the protection being claimed.